ABSTRACT

A document management system is disclosed in this invention. The document management system includes a document reading means for reading a document having textual descriptions and at least a drawing consisted of graphic elements each with an associated alpha-numeral designation. The document reading means is further provided for converting the document to a plurality of processor-recognized elements. The document management system further includes a search and link means for searching the processor-recognized elements and linking each of the graphic elements with at least one associated segment of textual description. The document management system further includes a display means for displaying the drawing with each of the graphic elements displayed together with the associated segment of textual description. In a preferred embodiment, the search and link means for searching and linking the associated segment of textual description for each of the graphic element further includes a document-location-finder means for locating a column number, a page number, and a line-range number for the associated segment of textual description. The display means is further provided for displaying the column number, the page number, and the line-range number for the segment of textual description for each of the graphic elements.